

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



ATTY. DOCKET NO.
1321-01

SERIAL NO.
10/045,316

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANTS
Hiroki Nakamaru et al.

FILING DATE
November 7, 2001

GROUP
1754

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PL	AA	6,039,882	03/21/00	N. L. Wolf et al.			
PL	AB	5,575,927	11/19/96	T. Sivavec et al.			
PL	AC	6,068,777	05/30/00	T. Kimura et al.			
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PL	AL	97 14656 A	04/24/97	PCT				
PL	AM	00 29137A	05/15/00	PCT			abstract	
PL	AN	97 04868 A	02/13/97	PCT				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	AR	Hassan S.M., "Reduction of halogenated hydrocarbons in aqueous media: I Involvement of sulfur in iron catalysis" "Chemosphere vol. 40 (2000-06) pp 1357-1363
	AS	E. Lipczynska-Kochany et al., "Degradation of carbon tetrachloride in the presence of iron and sulfur containing compounds" Chemosphere (1994), vol. 29 (7), pp 1477-1489
PL	AT	E. C. Butler et al., "Factors Influencing Rates and Products in the Transformation of Trichloroethylene by Iron Sulfide and Iron Metal, Environmental Science and Technology" vol. 35, no. 19, 2001, pages 3884-3891

EXAMINER

DATE CONSIDERED

11/8/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	AR	Nakamaru Hiroki et al., "Effect of the microstructure of an iron powder on the reactivity with trichloroethylene" 224 th ACS National Meeting 0-8412-3840-5 American Chemical Society, Boston MA, August 18-22, 2002
	AS	
	AT	

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	AN							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL		Ohioyuki Ito et al., <u>Reduction decomposition of chlorinated organic compounds by the iron powder</u> , Research Meeting on the Groundwater/soil Pollution and its Prevention Measures, Tokyo, June 1997 w/translation
PL	AK	Toshimune Kimura, <u>Treatment of hazardous substances including heavy metals in wastewater by iron powder method</u> , PPM, Vol. 13, No. 9, 1982 w/translation
PL	AS	<u>Conversion of refractory and toxic organics to harmful substances-reductive degradation of trichloroethylene by iron powder</u> , Industrial Water, No. 369, 1989, w/partial translation
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